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NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format  
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data  
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in records back to 1992  
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 12:39:24 ON 08 JUN 2009

=> file medline biosis caplus embase  
COST IN U.S. DOLLARS  
SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.22 0.22

FILE 'MEDLINE' ENTERED AT 12:39:51 ON 08 JUN 2009

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=> s (luteinizing(w)hormone(w)releasing(w)hormone(w)antagonist or  
lhrh(w)antagonist) and (3mg or 3(w)milligrams or 0.25mg or 0.25(w)milligrams)  
L1 1 (LUTEINIZING(W) HORMONE(W) RELEASING(W) HORMONE(W) ANTAGONIST  
OR LHRH(W) ANTAGONIST) AND (3MG OR 3(W) MILLIGRAMS OR 0.25MG OR  
0.25(W) MILLIGRAMS)

=> dis ibib abs 11

L1 ANSWER 1 OF 1 MEDLINE on STN  
ACCESSION NUMBER: 1992128098 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 1773623  
TITLE: Effect of late follicular phase administration of antide on ovulation and inhibin secretion in macaques.  
AUTHOR: Fraser H M; Lunn S F; Cowen G M; Smith K B; Conn P M  
CORPORATE SOURCE: MRC Reproductive Biology Unit, Centre for Reproductive Biology, Edinburgh, UK.  
SOURCE: Contraception, (1991 Dec) Vol. 44, No. 6, pp. 667-76.  
Journal code: 0234361. ISSN: 0010-7824.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199203  
ENTRY DATE: Entered STN: 22 Mar 1992  
Last Updated on STN: 22 Mar 1992  
Entered Medline: 3 Mar 1992

AB In previous studies, the LHRH antagonist detirelix, administered to stump-tailed macaques during the menstrual cycle, was only partially effective in blocking pituitary-ovarian function when given during the late follicular phase. Since the antagonist was suppressive when administered during the early luteal phase, we investigated the ability of antide, a putative long-acting LHRH antagonist, to cause inhibition of the LH surge or luteal function when administered during the late follicular phase. Six animals with regular ovulatory cycles were treated on day 10 of the follicular phase with 1mg/kg antide s.c. All animals demonstrated a continued rise in serum concentrations of estradiol which were followed by an LH surge beginning 2-5 days after antide injection and serum progesterone and inhibin secretion which indicated normal luteal function. In a second experiment, six animals were treated on day 10 of the follicular phase with 3mg/kg antide s.c. In three animals, this caused a fall in serum concentrations of estradiol and the expected LH surge and rises in progesterone and inhibin secretion indicating ovulation failed to occur.

In 2 animals, the LH surge was not prevented but the consequential rise in progesterone and inhibin was attenuated. In the remaining animal the cycle appeared unaffected. Pharmacokinetics of antide revealed an initial high release rate during the first 4 days (1mg/kg) or 6 days (3mg /kg) followed by a period of sustained release at a relatively low level. These results show that antide is partially effective in blocking ovulation at a high dose in the macaque and may result in an inadequate luteal phase, presumably as a result of its extended action.

=> FIL STNGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 37.95            | 38.17         |

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jun 5, 2009 (20090605/UP).

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FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:39:51 ON 08 JUN 2009  
L1 1 SEA FILE=MFE SPE=ON ABB=ON PLU=ON (LUTEINIZING(W) HORMONE(W)  
RELEASING(W) HORMONE(W) ANTAGONIST OR LHRH(W) ANTAGONIST) AND  
(3MG OR 3(W) MILLIGRAMS OR 0.25MG OR 0.25(W) MILLIGRAMS)  
DIS IBIB ABS L1

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COST IN U.S. DOLLARS  
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| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 0.14             | 38.31         |

STN INTERNATIONAL LOGOFF AT 12:43:27 ON 08 JUN 2009